

REMARKS

The present application has been amended by replacement of the original Sequence Listing.

Certification Regarding Sequence Listing

The Applicants, and the Agent who signs below on the basis of the sequence listing information supplied by the inventor, submit herewith a substitute sequence listing information in paper and computer readable form (Compact Discs labeled "CRF") in response to the Notice of Missing Parts dated June 23, 2005. Applicants submit that the two compact discs submitted herein are identical, as required by 37 CFR § 1.52(e). Applicants further submit that the substitute sequence listing complies with the requirements of 37 C.F.R. § 1.822 and § 1.823.

In accordance with 37 CFR § 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d), Applicants certify that the content of the sequence listing information recorded in computer readable form is the same as the amended Sequence Listing and includes no new matter.

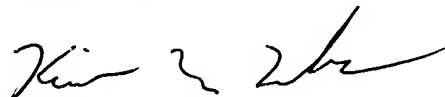
In the Notice of Missing Parts dated June 23, 2005, the Patent Office indicated that the compact discs submitted fail to comply with 37 CFR § 1.52(e) in that they contain non-ASCII files. Applicants submit that the compact discs submitted herewith contain only ASCII files.

In the Notice of Missing Parts dated June 23, 2005, the Patent Office also indicated that sequences characterized as misc_RNA should not include n = a, t, g, c and instead should include n = a, u, g, c, as t's are not allowed in an RNA sequence. Applicants have amended the sequence characterization to "misc_feature." Applicants note that n = a, t, g, c is allowed for a misc_feature. Applicants submit that the changes made herein are supported by the specification.

Applicants also certify that the amendments, made in accordance with 37 CFR 1.825(a), included in the substitute sheets and compact discs of the Sequence Listing are supported by the application as filed.

The sequence listing was prepared with the software, PatentIn version 3.2, and conforms to the Patent Office guidelines. The Commissioner is hereby authorized to charge any fees necessary to make this submission timely, to the Deposit Account No. 20-0782 (Order No. SBIO/0002).

Respectfully submitted,



Keith M. Tackett,
Registration No. 32,008
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Applicant(s)

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